

NAJPTC Program Project Status Summary



FRA



IDOT



AAR

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Background

PTC Development is being done in Two Builds

- **Build 1**

- Onboard Location Determination
- Location Reporting to PTC Office Server
- Location Tracking at UP and Amtrak Offices
- All Locomotive and Office HW In Use

- **Build 2**

- All remaining PTC Functionality and Equipment

Program Overview

- **All Build 1 hardware and software Design Documentation Delivered and Approved by WGs and PO**
- **SDI's Rail Architecture Investigation Lab (RAIL) facility demonstration/review provided to Customer and Labor in June**
- **SDI delivered Safety Documentation including FFTs, Hazard Log, SRD, PHA, and ASCAP database**

Program Overview (continued)

- **Build 1 Build Qualification Test (BQT) and Factory Acceptance Test (FAT) completed in June/July**
- **Build 1 Field Checkouts/Dry Runs done on Test Train in Illinois in July/August/October**
- **Build 1 Formal Field Testing & High Speed Demo/Tests scheduled for end of October**
- **FRA Waiver for High Speed Testing Approved**

Program Overview (continued)

- **All Signal System Upgrade Hardware deliveries to the field were completed in early August**
- **Currently in Build 2 Design Phase for all segments**
- **Build 2 Development/Testing scheduled for Completion at end of July 2003**
- **Complex program Re-planning underway since determined development would go beyond 2002**
 - Numerous meetings held between LM executives and PTC Stakeholders to work out contract modification
 - Believe close to agreement

Focus for the Next 90 Days

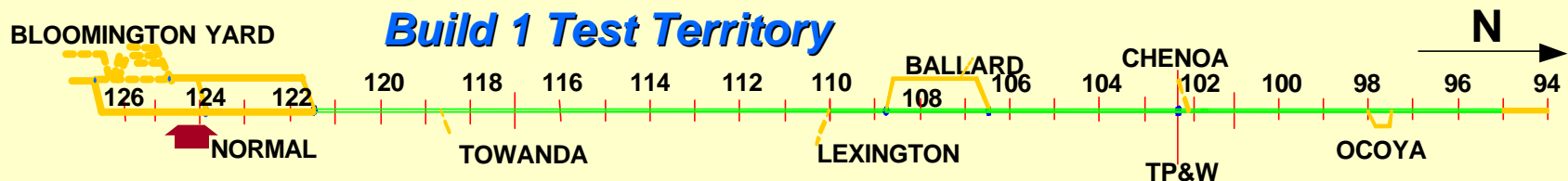
- **Completion of Build 1 Field Testing**
- **Requirements Technical Interchange Mtgs**
- **Build 2 CDR**
- **Delivery of Build 2 CDRL Documents and Customer Approval**
- **Continue Forward Momentum of Safety Documentation Generation/Approvals**
- **Complete Contractual Discussions**

Build 1 FAT / Field Test Status

Field Test Dry Run Performance Summary

(Oct 7-9, 2002)

- **LDS Performed Well**
 - Detected turnouts and track 100% of the time on test territory
- **All tests were completed on schedule (2 ½ days)**
- **Detailed Summary**
 - 31 tests performed over 10 test territory runs (5 North, 5 South)
 - 21 Unique tests; 1 test repeated 12 times
 - 10 tests ran with no reported problems
 - 11 tests ran with reported problems, but only 4 specific items (all expected to be fixed)
- **Determined ready for formal field test—October 25-28.**



Short Video of Field Testing